

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A coated super-hard abrasive comprising a core of super-hard abrasive material, an inner layer of a metal carbide, nitride, or boride ~~or carbonitride~~ chemically bonded to an outer surface of the super-hard abrasive material and an outer layer of a metal carbonitride deposited on the inner layer.

2. (Currently Amended) [[A]] The coated super-hard abrasive according to claim 1, wherein the outer layer is formed of titanium carbonitride.

3. (Currently Amended) A coated super-hard abrasive according to claim 1 ~~or claim 2~~, wherein the outer layer is deposited by physical vapour deposition.

4. (Currently Amended) [[A]] The coated super-hard abrasive according to ~~any one of the preceding claims~~ claim 1, wherein the ultra-hard abrasive material is diamond or cBN based.

5. (Currently Amended) [[A]] The coated super-hard abrasive according to claim 4, wherein the ultra-hard abrasive material is selected from the group ~~comprising~~ consisting of diamond grit, [[or]] cBN grit, a PCD substrate, a thermally stable PCD (TSPCD) substrate, a PcBN substrate, a CVD diamond film, and a single crystal diamond substrate.

6. (Currently Amended) [[A]] The coated super-hard abrasive according to ~~any one of the preceding claims~~ claim 1, wherein the inner layer is formed from an element capable of forming [[()]] ,singly or in combination, [[()]] carbides, nitrides or borides to the surface(s) of the abrasive material using a hot coating process.

7. (Currently Amended) [[A]] The coated super-hard abrasive according to claim 7, wherein the element is selected from the group comprising groups IVa, Va, VIa, IIIb and IVb of the periodic table.

8. (Currently Amended) [[A]] The coated super-hard abrasive according to ~~any one of the preceding claims~~ claim 1, wherein the inner layer is a titanium or chromium carbide coating in the case of a diamond based core, or a titanium or chromium nitride, boride or boronitride coating in the case of a cBN based core.

9. (New) The coated super-hard abrasive according to claim 1, wherein the inner layer is a titanium or chromium carbide coating and the core is diamond based.

10. (New) The coated super-hard abrasive according to claim 1, wherein the inner layer is a titanium or chromium nitride, boride or boronitride coating and the core is cBN based.